

**LOCOSYS**

GNSS Wireless & Communication

# ROCK T101

## RUGGED TABLET PC

10.1 Inch rugged Multi-function Mobile Computer

LOCOSYS ROCK T101 mobile IOS terminal, tough appearance, is with 10.1" industrial-grade, 1000 cd/m<sup>2</sup> full-view display, toughened glass TP, and also aero-grade titanium alloy material frame. It meets MIL-STD-810G/Method516.6/ProcedureIV and military standard. And it can withstand up to a 1.2m drop and 2 ton shock pressure test.

While, it also comes with a suite of integrated features which is high-integration, high-performance, high-reliability, high-flexibility. Also it goes with a long-life 14600mAh battery, sunlight-readable, and operating under extreme low temperature.



All-mode  
Full Bands



14600mAh  
Safety Battery



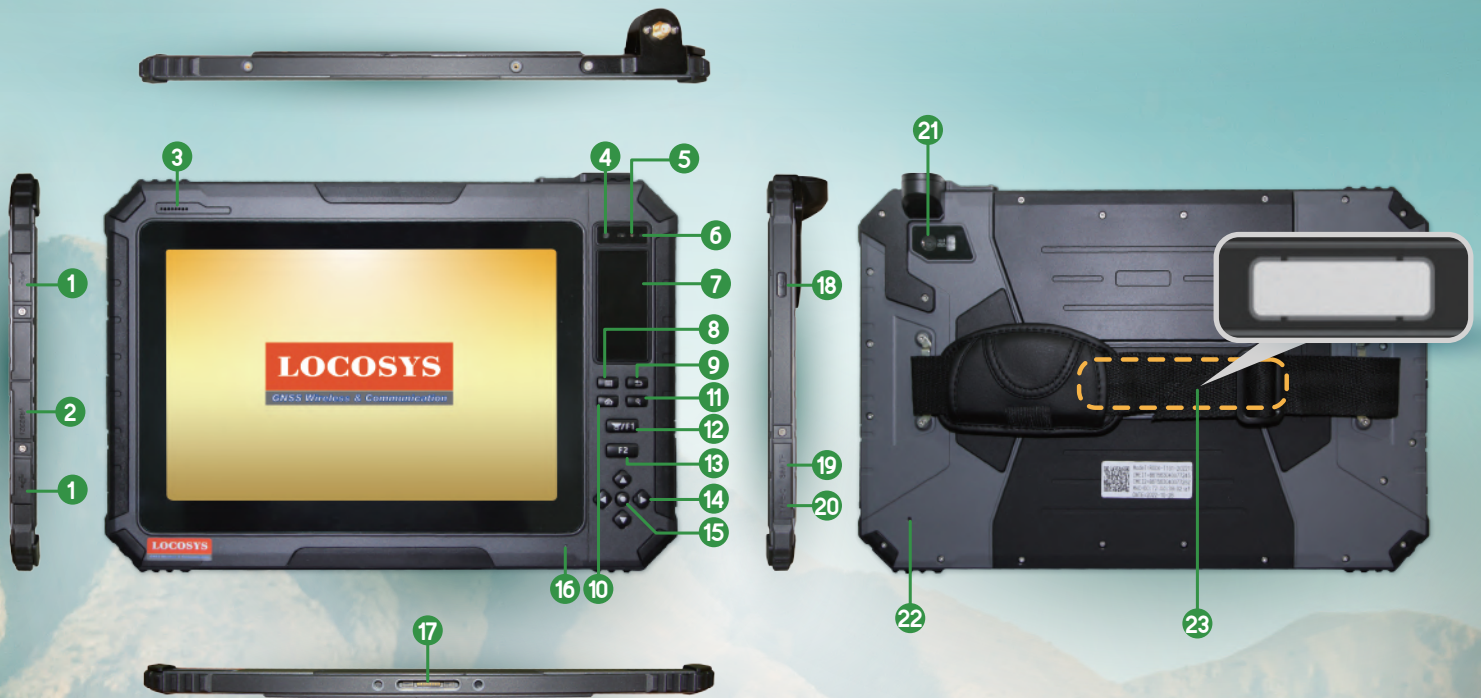
1.2m  
Drop-proof



5M13M  
Camera



RTK



- 1 Type-A (Sealed Cover)
- 2 RS232 (Sealed Cover)
- 3 Speaker
- 4 Sub camera
- 5 Ambient light sensor
- 6 Charge lamp
- 7 Fingerprint (optional)
- 8 Menu button
- 9 Back button
- 10 Home button
- 11 Search button
- 12 Scan button
- 13 Defined button
- 14 Direction button
- 15 Confirm button
- 16 MIC
- 17 8pin Pogo pin
- 18 Power button
- 19 TF/SIM (Sealed Cover)
- 20 Type C (Sealed Cover)
- 21 Main camera
- 22 Temperature pressure sensor (Optional)
- 23 Nameplate



# SPECIFICATION

Model:ROCK T101

## Hardware

CPU	ARM Cortex A73 Octa-core(2.0GHz)
GPU	ARM Mali-G72 MP3
RAM	8G
Internal Memory	128G
External Memory	Micro SD card ( T-FLASH card), max 256GB
Main Camera	13.0MP(AF) with flash led
Sub Camera	5.0MP
Battery	14600mAh
Display	10.1 inch IPS/AFFS 1920*1200 FHD industrial 1000nit Sunlight Readable
Touch Panel	Capacitive/frosted tempered film supports glove touch/spray/active capacitive pen

## Navigation/IO/Sensor

Position Accuracy	Autonomous: < 1.5m CEP RTK : 0.01m + 1ppm (Horizontal)
SIM Card	Nano sim card*2
TF Card	Micro SD card( T-FLASH card) ; max 256GB
Charging interface	Type-C & 8pin pogo pin
Data interface	USB Type-A(Host)*2 , Type-C(OTG)*1
RS232(optional)	RS232 serial port, using 5pin micro one GPIO port
Gravity sensor	✓
Motion sensor	✓
Direction Sensor	✓
Magnetic Field Sensor	✓
Gyro sensor	✓
Rotation Vector	✓
Light-sensor	✓
Acceleration sensor	✓
Charger	5.0V 2A-10W

## Appearance

Size	320*228*12mm (L×W×H)
Weight	1360g

## Communications & Networking

Phone Call	GSM /WCDMA/CDMA 1X/VoLTE
2G	GSM/CDMA 1X/EDGE/GPRS/WAP
2G Band	GSM ( B2/3/5/8 )
3G	WCDMA 3.75G (HSDPA+ 42.2Mbps, HSUPA+ 11.5Mbps),EVDO
3G Band	WCDMA ( B1/2/5/8 ) ,Evdo: BC0/BC1 CDMA: BC0/BC1
4G	FDD: 150Mbps down, 50Mbps UP TDD: 150Mbps downlink , 50Mbps uplink
4G Band	TD-LTE ( B38/39/40/41 ) : FDD LTE ( B1/2/3/4/5/7/8/12/17/20/28 )
WI-FI	Dual-band (2.4GHz/5Ghz) single stream 802.11 a/b/g/n/ac
BT	4.2 Low Energy (LE)

## Industrial & Reliability Design

Shake-proof	1-19Hz/1.0mm; 19-200Hz/1.0g
Dropproof /IK	MIL-STD-810G/Method516.6/Procedure IV & Touch Panel IK05
Waterproof	Class 7 ( IEC 60529 )
Dustproof	Class 6 ( IEC 60529 )
Reliability	MTBF>5000h ; MTTR<0.5h
Operating temperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
RH	5% to 95%
Operating Altitude	Max: 4,500 m (15,000 feet)

## Certification/OS/Software

Certification	3C /FCC/CE/ROHS/IP67 ( IEC 60529 )
Language	English, Spanish, Portuguese (Brazil), Portuguese (Portugal), Italian, German, Dutch, French, Polish, Romanian, Turkish, Russian, Arabic, Indonesian, Malay, Thai, Vietnamese, Hindi, Hebrew, Simplified Chinese, Chinese Traditional, etc
OS	Android 10.0 / 11.0

## Package/Warranty terms/OEM

Warranty	12 months
OEM/ODM	
Package	USB cable/Charger 5V 2A/Introduction manual/Aircraft box/Toolkit(optional)SIM Card Ejector x 1